



PTO/SB/08B (08-03)

|   |   |                          |                  |                        |                 |
|---|---|--------------------------|------------------|------------------------|-----------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   | <b>Complete if Known</b> |                  |                        |                 |
|   |   | Application Number       | 10/771,737       |                        |                 |
|   |   | Filing Date              | February 3, 2004 |                        |                 |
|   |   | First Named Inventor     | Burt, David S.   |                        |                 |
|   |   | Art Unit                 | 1648             |                        |                 |
|   |   | Examiner Name            |                  |                        |                 |
| Sheet   | 1 | of                       | 1                | Attorney Docket Number | 021989-000411US |

| <b>NON PATENT LITERATURE DOCUMENTS</b> |                          |   |                |
|--|--------------------------|---|----------------|
| Examiner<br>Initials *                 | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| AB                                     | BC                       | Jahn-Schmidt, Beatrice, et al. "Toward selective elicitation of T <sub>H</sub> 1-controlled vaccination responses: vaccine applications of bacterial surface layer proteins", <i>Journal of Biotechnology</i> (1998) 44:225-231                                 |                |
|  | BD                       |   |                |
|  | BE                       |   |                |
|  | BF                       |   |                |
|  | BG                       |   |                |
|  | BH                       |   |                |
|  | BI                       |   |                |
|  | BJ                       |   |                |
|  | BK                       |   |                |
|  | BL                       |   |                |
|  | BM                       |   |                |

|                       |                    |                    |            |
|-----------------------|--------------------|--------------------|------------|
| Examiner<br>Signature | /Agnieszka Boesen/ | Date<br>Considered | 09/20/2006 |
|-----------------------|--------------------|--------------------|------------|

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

RECEIVED  
CENTRAL FAX CENTER

JUL 22 2005

PTO/SB/08A (08-03)

|   |   |    |                          |                        |                 |
|---|---|----|--------------------------|------------------------|-----------------|
| Substitute for form 1449A/PTO   |   |    | <b>Complete if Known</b> |                        |                 |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    | Application Number       | 10/771,737             |                 |
|   |   |    | Filing Date              | February 3, 2004       |                 |
|   |   |    | First Named Inventor     | Burt, David S.         |                 |
|   |   |    | Art Unit                 | 1648                   |                 |
|   |   |    | Examiner Name            |                        |                 |
| Sheet   | 1 | of | 3                        | Attorney Docket Number | 021989-000411US |

| U.S. PATENT DOCUMENTS* |                       |   |                                |  |   |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| AB                     | AA                    | US-4,707,543  | 11/1987                        | Zollinger, et al.                                  |   |
| AB                     | AB                    | US-6,728,292  | 03/1998                        | Lowell   |   |
| AB                     | AC                    | US-6,716,837  | 02/1998                        | Anselem, et al.                                    |   |
| AB                     | AD                    | US-5,981,970  | 10/1999                        | Lowell, et al.                                     |   |
| AB                     | AE                    | US-5,985,284  | 11/1999                        | Lowell   |   |
| AB                     | AF                    | US-6,478,201  | 11/2002                        | Lowell, et al.                                     |   |
|                        | AG                    | US-   |                                |  |   |
|                        | AH                    | US-   |                                |  |   |
|                        | AI                    | US-   |                                |  |   |
|                        | AJ                    | US-   |                                |  |   |
|                        | AK                    | US-   |                                |  |   |
|                        | AL                    | US-   |                                |  |   |
|                        | AM                    | US-   |                                |  |   |
|                        | AN                    | US-   |                                |  |   |
|                        | AO                    | US-   |                                |  |   |
|                        | AP                    | US-   |                                |  |   |
|                        | AQ                    | US-   |                                |  |   |
|                        | AR                    | US-   |                                |  |   |
|                        | AS                    | US-   |                                |  |   |
|                        | AT                    | US-   |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                   |                                |   |  |                          |
|--------------------------|-----------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear | Y <sup>4</sup>           |
|                          |                       | Country Code <sup>2</sup> | Number <sup>3</sup> | Kind Code <sup>5</sup> (if known) |                                |   |  |                          |
| AB                       | AU                    | PCT                       | WO97/10844          |                                   | 03/1997                        |   |  | <input type="checkbox"/> |
| AB                       | AV                    | PCT                       | WO98/01558          |                                   | 01/1998                        |   |  | <input type="checkbox"/> |
| AB                       | AW                    | PCT                       | WO98/11700          |                                   | 05/1995                        |   |  | <input type="checkbox"/> |
|                          | AX                    |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |
|                          | AY                    |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |
|                          | AZ                    |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |
|                          | BA                    |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |
|                          | BB                    |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |

|                    |                    |                 |            |
|--------------------|--------------------|-----------------|------------|
| Examiner Signature | /Agnieszka Boesen/ | Date Considered | 09/20/2006 |
|--------------------|--------------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/089 (08-03)

|  |   |    |                          |                        |                 |
|--|---|----|--------------------------|------------------------|-----------------|
| Substitute for form 1449B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    | <b>Complete If Known</b> |                        |                 |
|  |   |    | Application Number       | 10/771,737             |                 |
|  |   |    | Filing Date              | February 3, 2004       |                 |
|  |   |    | First Named Inventor     | Burt, David S.         |                 |
|  |   |    | Art Unit                 | 1648                   |                 |
|  |   |    | Examiner Name            |                        |                 |
| Sheet  | 2 | of | 3                        | Attorney Docket Number | 021889-000411US |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials *             | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| AB                              | BC                    | Barchfield, et al. Vaccine (1999) 17:695-704  |                |
| AB                              | BD                    | Benyedidis, et al. Letters in Peptide Science (1998) 5(5-6):341-344   |                |
| AB                              | BE                    | Bersted, et al. Vaccine (2000) 18:1910-1919   |                |
| AB                              | BF                    | Dalseg, R., et al. Vaccines (1989) 17:2338-2345   |                |
| AB                              | BG                    | Gluck, et al. J. Infect. Dis. (2000) 181:1129-1132  |                |
| AB                              | BH                    | Hashigucci, et al. Vaccine (1996) 14:113-119  |                |
| AB                              | BI                    | Levi, R., et al. Vaccine (1989) 13:1353-1358  |                |
| AB                              | BJ                    | Lowell, G.H., et al. J. Exp. Med (1998) 187:658-683   |                |
| AB                              | BK                    | Lowell, G.H., et al. Science (1986) 240:500-502   |                |
| AB                              | BL                    | Lowell, G.H., et al. in: New Generation Vaccines, 2nd ed., Marcel Dekker, Inc. New York, Basel, Hong Kong (1997) pp.193-208   |                |
| AB                              | BM                    | Lynch, E.C., et al. Biophys. J. (1984) 45:104-107   |                |
| AB                              | BN                    | McGhee, et al. J. Immunol. (2000) 165:4778-4782   |                |
| AB                              | BO                    | Plante, et al. Abstracts of the General Meeting of the American Society for Microbiology. (2000) 100:297  |                |
| AB                              | BP                    | Slavik, et al. Database accession no. 131:57789, XP002174983 (1998)   |                |
| AB                              | BQ                    | Slavik, et al. Acta Virologica (1993) 37(6):449-458   |                |
| AB                              | BR                    | Tamura, et al. J. Immunol. (1992) 149:681-688   |                |

|                    |                    |                 |            |
|--------------------|--------------------|-----------------|------------|
| Examiner Signature | /Agnieszka Boesen/ | Date Considered | 09/20/2006 |
|--------------------|--------------------|-----------------|------------|

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

60544587v1

PTO/SB/08B (08-03)

|   |                        |                          |                  |
|---|------------------------|--------------------------|------------------|
| Substitute for form 1448B/PTO   |                        | <b>Complete if Known</b> |                  |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |                        | Application Number       | 10/771,737       |
|   |                        | Filing Date              | February 3, 2004 |
|   |                        | First Named Inventor     | Burt, David S.   |
|   |                        | Art Unit                 | 1648             |
|   |                        | Examiner Name            |                  |
| Sheet 3 of 3  | Attorney Docket Number | 021989-000411US          |                  |

| NON PATENT LITERATURE DOCUMENTS |            |   |     |
|---------------------------------|------------|---|-----|
| Examiner Initials *             | Cite No. † | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ‡ |
| AB                              | BS         | Lowell, G.H. In: <i>New Generation Vaccines</i> , G.C. Woodrow and M.M. Levine eds., Marcel Dekker, Inc., New York, (1990), p.141-160; 325-348  |     |
| AB                              | BT         | Lowell, et al. <i>Journal of cell biochem</i> (1995) S18A   |     |
| AB                              | BU         | Lowell, et al. <i>American Soc for microbio. 2nd Nat Conf.</i> (1995) p.81  |     |
| AB                              | BV         | Lowell, et al. <i>Infect. &amp; Imm</i> (1996) 64(5):1706-1713  |     |
| AB                              | BW         | Lowell, et al. <i>Infect. &amp; Imm.</i> (1996) 64(11):4886-83  |     |
| AB                              | BX         | Lowell, et al. <i>Journal of Infectious Diseases</i> (1997) 175(2):292-301  |     |
| AB                              | BY         | Mallett, C.P., et al. <i>Infect. Immun.</i> (1995) 63:2382-2385   |     |
| AB                              | BZ         | Orr, N., et al. <i>Infect. Immun.</i> (1993) 61:2390  |     |

|                    |                    |                 |            |
|--------------------|--------------------|-----------------|------------|
| Examiner Signature | /Agnieszka Boesen/ | Date Considered | 09/20/2006 |
|--------------------|--------------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Applicant's unique citation designation number (optional). ‡ Applicant is to place a check mark here if English language Translation is attached.

60544587v1